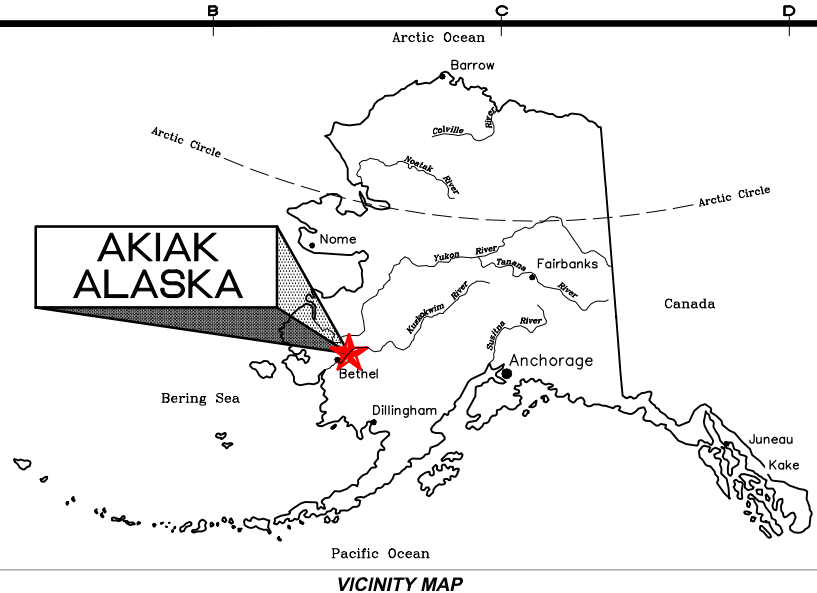


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 XREF: 04016\_00\_B001



VICINITY MAP

**SHEET INDEX**

G1.01	COVER SHEET, ABBREVIATIONS, AND NOTES
C1.01	SITE PLAN
C2.01	DETAILS

**ABBREVIATIONS**

ADEC	ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ASME	AMERICAN SOCIETY MECHANICAL ENGINEERS
BCU	BARE COPPER GROUND CONDUCTOR
DIA, $\phi$	DIAMETER
EPA	ENVIRONMENTAL PROTECTION AGENCY
L	ANGLE IRON
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PSI	POUNDS PER SQUARE INCH
SCH	SCHEDULE
SS	STAINLESS STEEL
TYP	TYPICAL
#	NUMBER

# ALASKA ENERGY AUTHORITY

## AKIAK BULK FUEL MAINTENANCE UPGRADES

### AKIAK, ALASKA

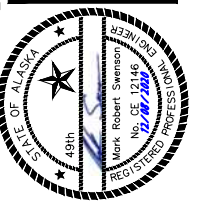
### DECEMBER 2020

**PROJECT NOTES**

1. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
2. THE CONTRACTOR SHALL ACCEPT THE SITE IN ITS PRESENT CONDITION.
3. OTHER CONTRACTORS OR THE UTILITY COMPANIES MAY BE WORKING ON THE SAME PROJECT SITE OR IN THE VICINITY DURING THE PROGRESS OF THIS CONTRACT'S WORK. COORDINATE WORK WITH ALL OTHER CONTRACTORS, THE OWNER, OR UTILITY COMPANIES WORKING IN THE AREA.
4. COMPLY WITH THE REQUIREMENTS OF ASME B31.4, THE INTERNATIONAL BUILDING CODE, STATE AND FEDERAL OCCUPATIONAL HEALTH ADMINISTRATIONS (OSHA), US ENVIRONMENTAL PROTECTION AGENCY (EPA), ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION (ADEC), AND ALL OTHER FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND PERMIT CONDITIONS PERTAINING TO THIS PROJECT. ANY WORK PERFORMED BY THE CONTRACTOR CONTRARY TO SUCH LAWS, REGULATIONS OR CONDITIONS SHALL BE AT THE CONTRACTOR'S SOLE RISK AND EXPENSE.
5. ALL ITEMS SHOW ARE IN THIS CONTRACT UNLESS SPECIFICALLY INDICATED AS EXISTING. INSTALL ALL MATERIAL AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS, AND INSTALLATION DRAWINGS, UNLESS INDICATED OTHERWISE.
6. WORK SHALL PERFORMED WITH SKILLED CRAFTSMEN SPECIALIZING IN THE REQUIRED WORK. INSTALL ALL MATERIALS IN A NEAT, ORDERLY, AND SECURE FASHION, AS REQUIRED BY THE CONTRACT DOCUMENTS AND COMMONLY RECOGNIZED STANDARDS OF GOOD WORKMANSHIP.
7. PROTECT ALL ITEMS NOT SCHEDULED FOR DEMOLITION DURING CONSTRUCTION. DISTURBED AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION.
8. CAREFULLY LAY OUT WORK TO MINIMIZE DISRUPTION AND DAMAGE TO EXISTING STRUCTURES.
9. ALL STEEL FABRICATIONS NOT SHOWN AS PAINTED SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER THE SPECIFICATION 09 98 00.
10. ALL STEEL FABRICATION SHALL BE SEAL WELDED.
11. ALL HARDWARE SHALL BE HOT-DIPPED GALVANIZED OR 316 SS, UNLESS SPECIFIED OTHERWISE.
12. THE CONTRACTOR SHALL PROVIDE ALL PERMITS AS REQUIRED.
13. ALL SURVEYING AND LAYOUT SHALL BE PROVIDED BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
14. VERIFY ALL DIMENSIONS, SIZE OF EXISTING MATERIALS, AND LAYOUT PRIOR TO PROCEEDING WITH THE WORK. ANY DISCREPANCY IN THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
15. UTILITY LOCATIONS HAVE NOT BEEN INVESTIGATED AND ARE NOT SHOWN. CONTACT THE LOCATE CALL CENTER OF ALASKA, AS WELL AS ANY NON-PARTICIPATING UTILITIES, TO FIELD LOCATE ALL UTILITIES PRIOR TO DIGGING. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO DIGGING, OTHERWISE CONTRACTOR IS RESPONSIBLE FOR ALL ADDITIONAL COSTS ASSOCIATED WITH WORKING AROUND UTILITIES.
16. ESTABLISH, PROVIDE, AND MAINTAIN EFFECTIVE QUALITY CONTROL.
17. PROVIDE ALL LIGHTS, SIGNS, BARRICADES, TRAFFIC CONTROL, STORM WATER CONTROL, FLAG MEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
18. PLANS ARE CONCEPTUAL. NO SITE SURVEY OR FIELD INVESTIGATION HAS BEEN PERFORMED. CONTRACTOR SHALL COORDINATE WITH CORPORATION FUEL MANAGER TO INVESTIGATE THIS SITE, VERIFY CONDITION AND SIZE OF EXISTING MATERIALS, AND FINAL LOCATION OF IMPROVEMENTS.

# CONCEPTUAL DRAWINGS

REVISIONS	MARK	DATE	DESCRIPTION



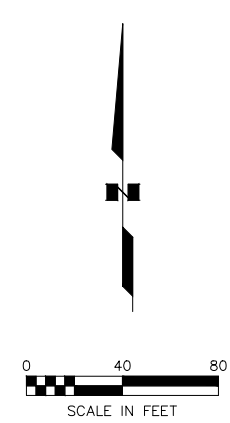
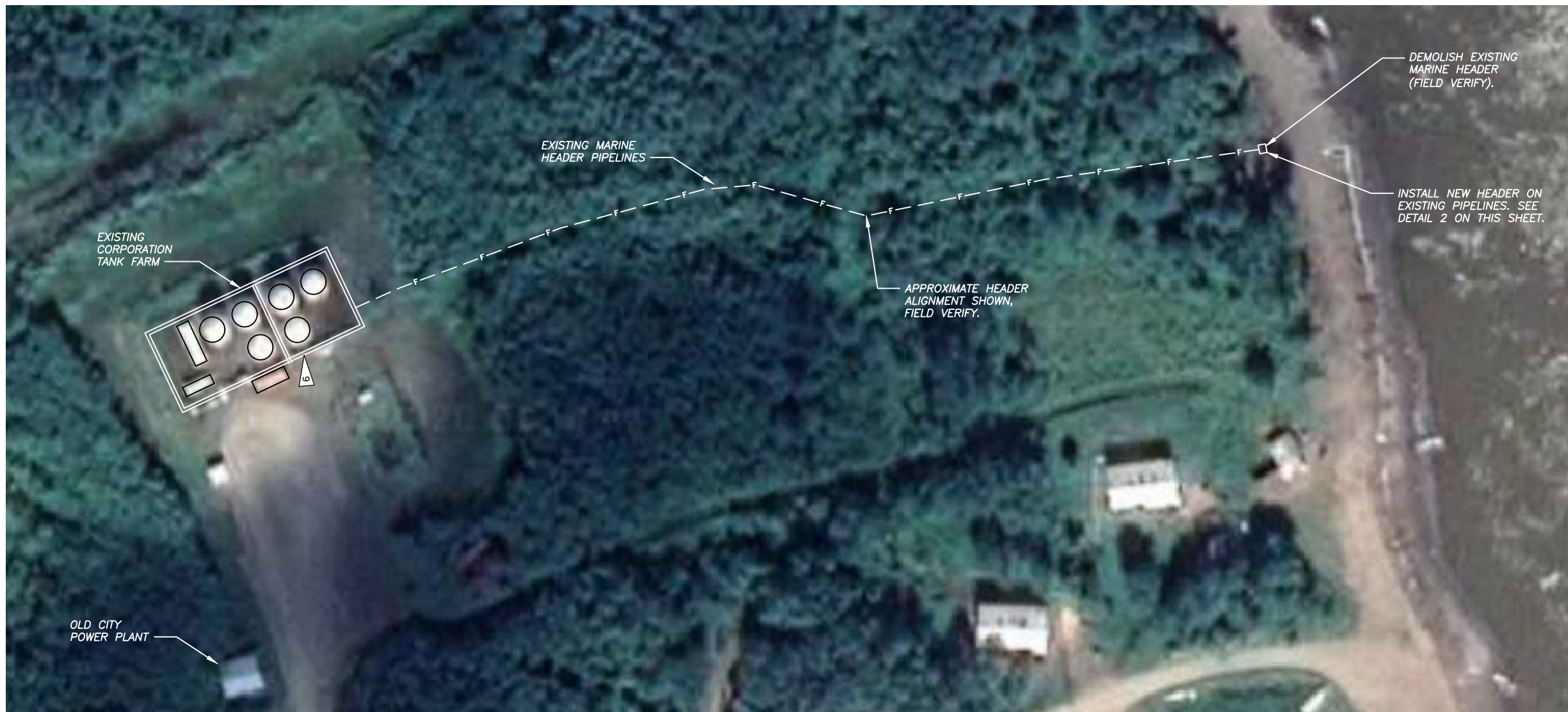
**HDL ENGINEERING**  
**Consultants LLC**  
 civil - geotechnical - surveying - environmental - material testing  
 ANCHORAGE  
 907.564.2120  
 3335 Arctic Boulevard, Suite 100 Anchorage, AK 99503  
 www.HDLalaska.com  
 AECL861

AKIAK BULK FUEL MAINTENANCE UPGRADES

ALASKA ENERGY AUTHORITY  
 AKIAK, ALASKA

SHEET TITLE	
COVER SHEET, ABBREVIATIONS, AND NOTES	
SHEET	
G1.01	
DRAWN BY:	CHECKED BY:
EJW	MRS
DATE:	SCALE:
12/08/20	NTS
JOB NUMBER:	
20-007-05	

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REVISIONS	MARK	DATE	DESCRIPTION

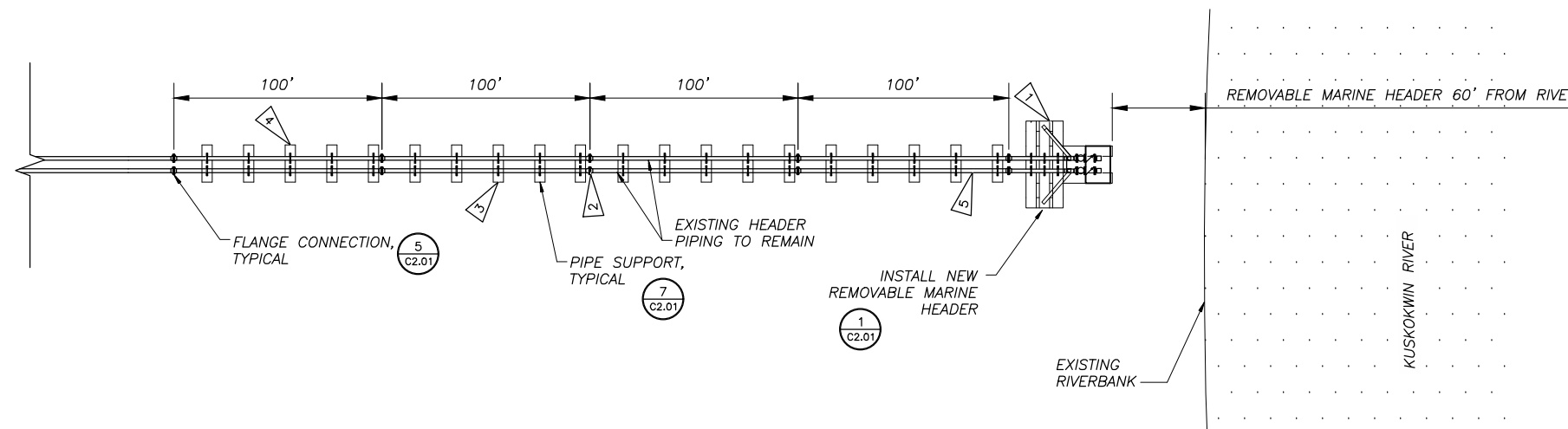


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**1 TANK FARM SITE PLAN**  
 C1.01 SCALE: NOT TO SCALE

**NOTES**

1. DEMOLISH EXISTING HEADER AND CONSTRUCT NEW REMOVABLE HEADER APPROXIMATELY 60 FEET FROM EXISTING RIVERBANK. FINAL LOCATION OF NEW HEADER TO BE DETERMINED IN THE FIELD WITH CORPORATION FUEL MANAGER. CONNECT NEW HEADER TO EXISTING HEADER PIPING SCHEDULED TO REMAIN.
2. INSTALL (5) FLANGED CONNECTIONS IN EACH EXISTING ABOVE GROUND HEADER PIPELINE SCHEDULED TO REMAIN.
3. INSTALL NEW PIPE SUPPORTS BELOW FLANGED SECTION OF PIPE. PIPE SUPPORTS SHALL BE SPACED 10 FEET ON CENTER.
4. INSTALL NEW CARSONITE MARKERS ON NEW AND EXISTING PIPE SUPPORTS ALONG ENTIRE LENGTH OF HEADER PIPELINE.
5. INSTALL LABELS ON EXISTING HEADER PIPING SCHEDULED TO REMAIN IN ACCORDANCE WITH SPECIFICATIONS.
6. INSTALL LABELS ON ALL EXISTING TANKS AND INTERNAL PIPING IN EXISTING TANK FARM IN ACCORDANCE WITH SPECIFICATION SECTIONS 23 13 23.01 AND 23 11 00.
7. PROPERTY INFORMATION NOT SHOWN. CONTRACTOR SHALL SECURE PERMISSION FROM PROPERTY OWNERS PRIOR TO ACCESSING PROPERTY, PERFORMING WORK, AND RELOCATING HEADER. SECURE EASEMENTS FOR ANY HEADER PIPING THAT IS LOCATED ON PRIVATE PROPERTY.
8. CAUTION!! EXISTING PIPELINES CONTAIN DIESEL AND GASOLINE WHICH ARE COMBUSTIBLE. DRAIN, CLEAN, AND DECOMMISSION SECTIONS OF PIPELINE SCHEDULED FOR REMOVAL IN ACCORDANCE WITH THE SPECIFICATIONS AND STATE AND FEDERAL REQUIREMENTS PRIOR TO PERFORMING PIPELINE IMPROVEMENTS. PERFORM WELDING ON EXISTING PIPING IN A SAFE MANNER IN ACCORDANCE WITH APPLICABLE STANDARDS AND REQUIREMENTS TO AVOID DANGER AND INJURY TO PERSONNEL.



**2 CONCEPTUAL SITE PLAN**  
 C1.01 SCALE: NOT TO SCALE

**CONCEPTUAL DRAWINGS**

AKIAK BULK FUEL MAINTENANCE UPGRADES  
**ALASKA ENERGY AUTHORITY**  
 AKIAK, ALASKA

SHEET TITLE  
**SITE PLAN**

SHEET  
**C1.01**

DRAWN BY: **EJU** CHECKED BY: **MRS**  
 DATE: **12/08/20** SCALE: **NTS**  
 JOB NUMBER: **20-007-05**



